

FIG. 1

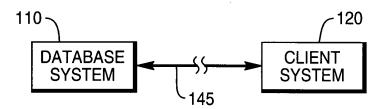
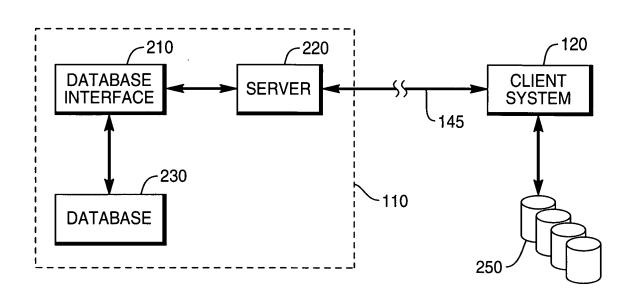


FIG. 2



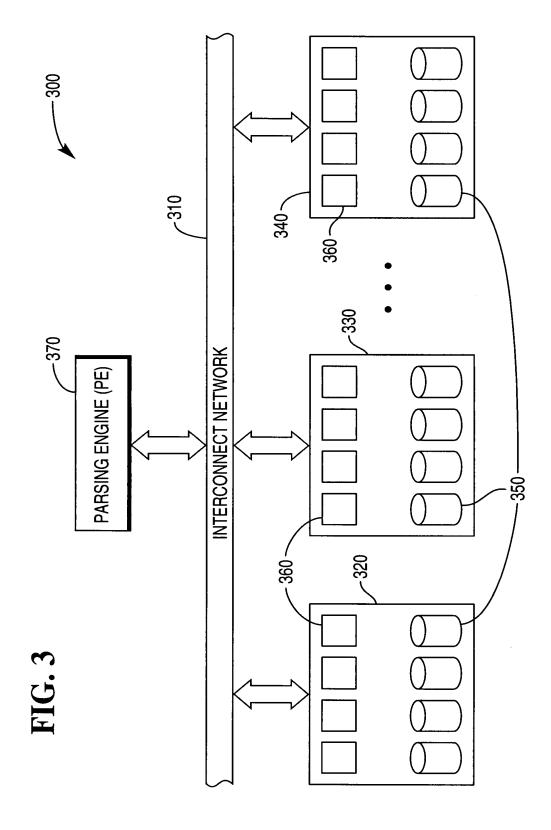
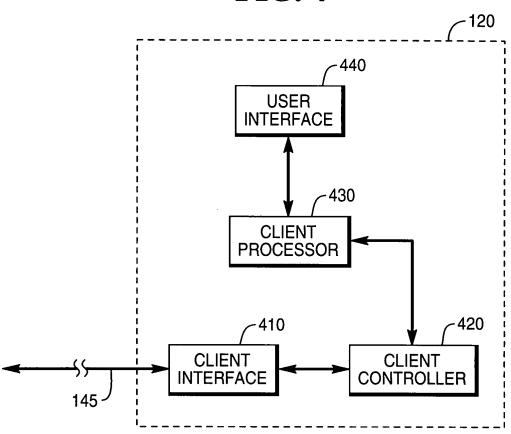


FIG. 4



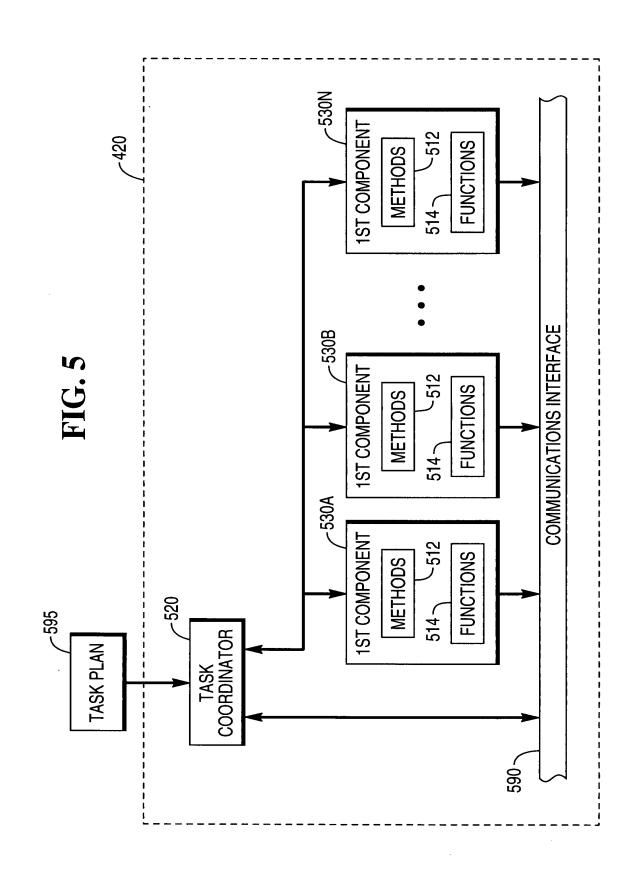


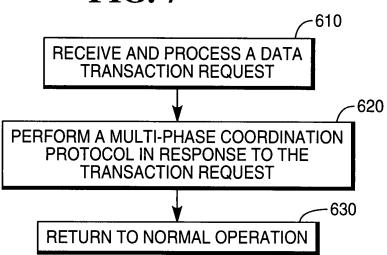
FIG. 6A

Methods	Phase	Master	Slave (1)	Slave (2)
Startup	1	Allocate Global Var	Create/Connect an SQL session	Create/Connect an SQL session
		Create/Connect an SQL session	NextPhase	NextPhase
		NextPhase		
	2	Create/Connect Fastload session(s)	Create/Connect Fastload session(s)	Create/Connect Fastload session(s)
		NextPhase	EndMethod	EndMethod
	3	Issue 'Begin Loading'		
		EndMethod		
Execute	1	Read a record from a data source	Read a record from a data source	Read a record from a data source
		IF End-Of-Data NextPhase ELSE SamePhase	IF End-Of-Data NextPhase ELSE SamePhase	IF End-Of-Data NextPhase ELSE SamePhase
	2	Issue 'End Loading' (if specified by the user)		
		EndMethod		
Checkpoint	1	Write statistics to Global Var	Write statistics to Global Var	Write statistics to Global Var
		NextPhase	EndMethod	EndMethod
	2	Write checkpoint record(s) to the LOG		
		EndMethod		

FIG. 6B

Methods	Phase	Master	Slave (1)	Slave (2)
Restart	1	Process checkpoint records	Process checkpoint records	Process checkpoint records
		NextPhase	EndMethod	EndMethod
	2	Write a restart record to the LOG to indicate EndOfRestart		
		EndMethod		
Terminate	1	Disconnect Fastload session(s)	Disconnect Fastload session(s)	Disconnect Fastload session(s)
**		NextPhase	NextPhase	NextPhase
	2	Disconnect SQL session	Disconnect SQL session	Disconnect SQL session
,		Deallocate Global Var	EndMethod	EndMethod
		EndMethod		

FIG. 7



TRANSLATE THE PLAN

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SELECT COMPONENTS

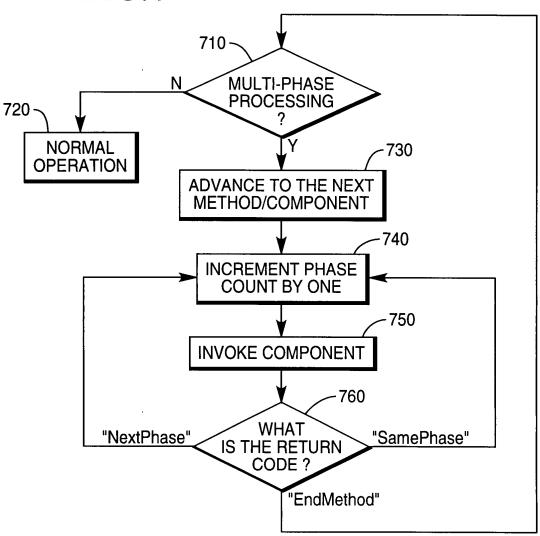
830

GENERATE COMMUNICATIONS
INTERFACE

840

COORDINATE COMPONENTS IN A
MULTI-PHASE PARALLEL SEQUENCE

FIG. 9



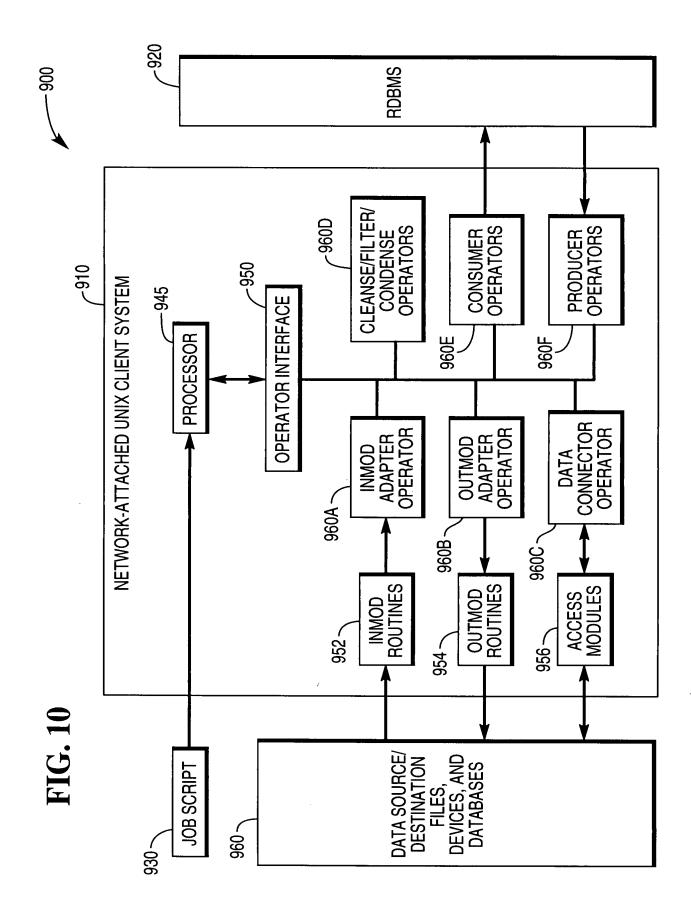




FIG. 1

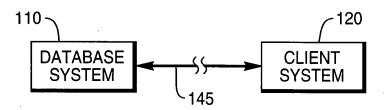
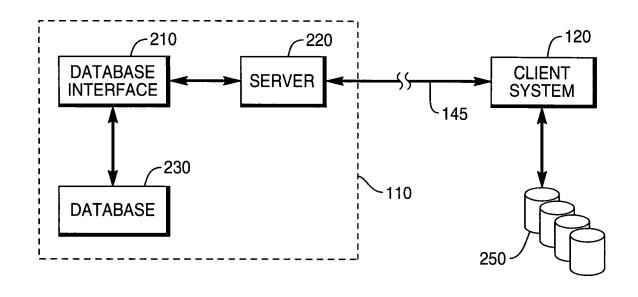


FIG. 2



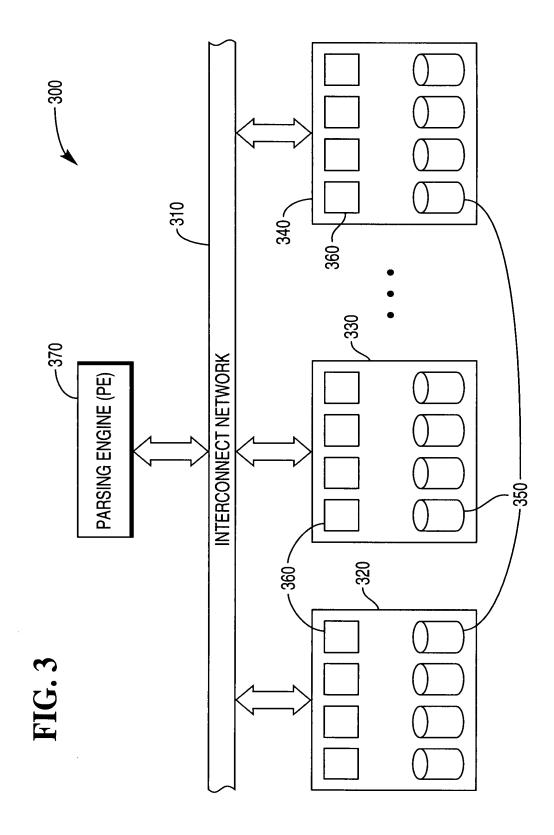
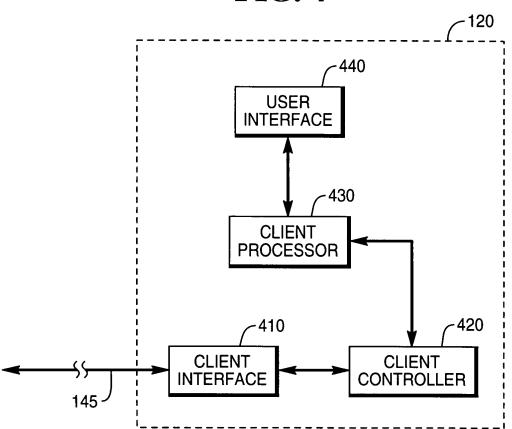


FIG. 4



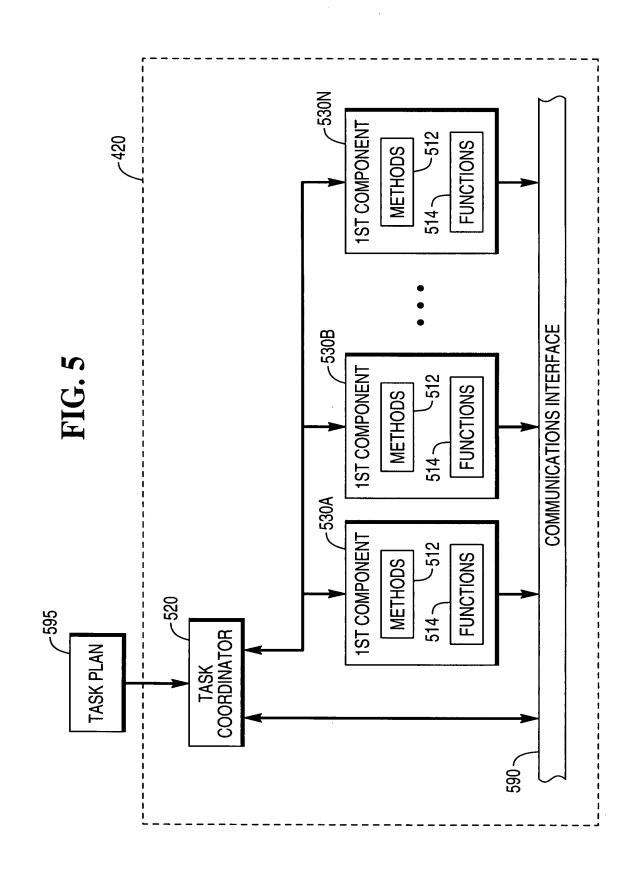


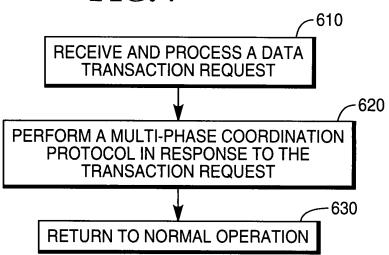
FIG. 6A

Methods	Phase	Master	Slave (1)	Slave (2)
Startup	1	Allocate Global Var	Create/Connect an SQL session	Create/Connect an SQL session
		Create/Connect an SQL session	NextPhase	NextPhase
		NextPhase		
	2	Create/Connect Fastload session(s)	Create/Connect Fastload session(s)	Create/Connect Fastload session(s)
		NextPhase	EndMethod	EndMethod
	3	Issue 'Begin Loading'		
		EndMethod		
Execute	1	Read a record from a data source	Read a record from a data source	Read a record from a data source
		IF End-Of-Data NextPhase ELSE SamePhase	IF End-Of-Data NextPhase ELSE SamePhase	IF End-Of-Data NextPhase ELSE SamePhase
	2	Issue 'End Loading' (if specified by the user)		
		EndMethod		
Checkpoint	1	Write statistics to Global Var	Write statistics to Global Var	Write statistics to Global Var
		NextPhase	EndMethod	EndMethod
	2	Write checkpoint record(s) to the LOG		
		EndMethod		

FIG. 6B

Methods	Phase	Master	Slave (1)	Slave (2)
Restart	1	Process checkpoint records	Process checkpoint records	Process checkpoint records
		NextPhase	EndMethod	EndMethod
	2	Write a restart record to the LOG to indicate EndOfRestart		
		EndMethod		
Terminate	1	Disconnect Fastload session(s)	Disconnect Fastload session(s)	Disconnect Fastload session(s)
		NextPhase	NextPhase	NextPhase
	2	Disconnect SQL session	Disconnect SQL session	Disconnect SQL session
		Deallocate Global Var	EndMethod	EndMethod
		EndMethod		

FIG. 7



TRANSLATE THE PLAN

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SELECT COMPONENTS

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GENERATE COMMUNICATIONS
INTERFACE

840

COORDINATE COMPONENTS IN A
MULTI-PHASE PARALLEL SEQUENCE

FIG. 9

